

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

20 SEP 2004

(43) International Publication Date
9 October 2003 (09.10.2003)

PCT

(10) International Publication Number
WO 03/083668 A1(51) International Patent Classification⁷: **G06F 12/02**

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(21) International Application Number: **PCT/IB03/01008**

(22) International Filing Date: 14 March 2003 (14.03.2003)

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(25) Filing Language: English

(26) Publication Language: English

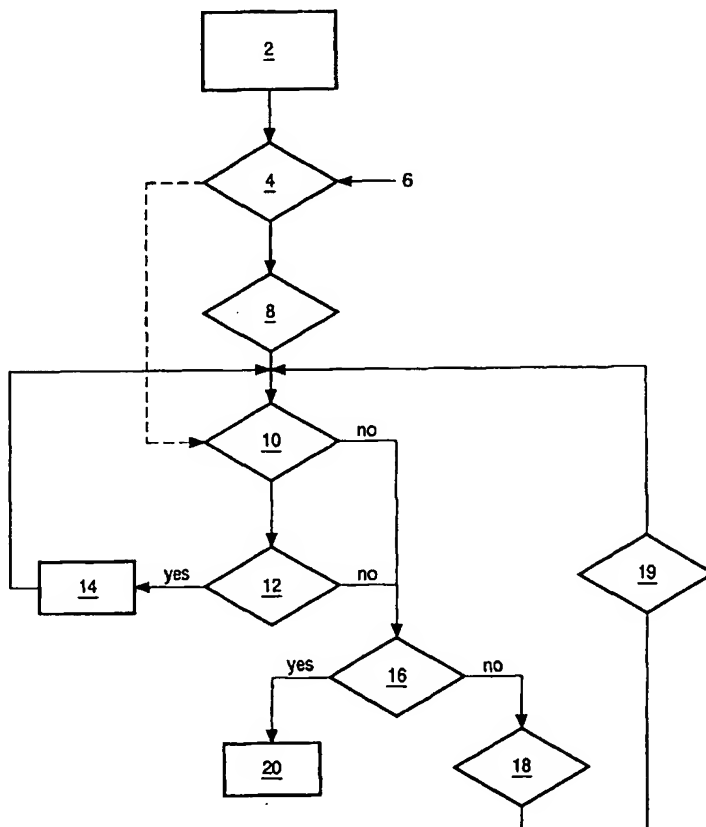
(30) Priority Data:
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[Continued on next page]

(54) Title: MORPHING MEMORY POOLS



(57) Abstract: The invention relates to a method, the use of such a method and an integrated circuit for altering memory configurations in a physical memory. A memory configuration comprising memory pools of memory packets can be changed into a new memory configuration by detecting a released memory packet within a memory pool of said first memory configuration, assigning memory from said released memory packet to said second memory configuration, determining the size of said assigned free memory of said second memory configuration and allocating within said assigned free memory a required amount of memory for a memory packet of a pool of said second memory configuration in case that assigned free memory size satisfies that allocation request. By said transition a seamless mode change may be applied and memory packets released within a first mode may already be used by said second mode. Fragmentation may be avoided.



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